REPLACEMENT SHEET

Serial No. 09/997,894
Filed: November 30, 2001
Atty. Docket 922/63690

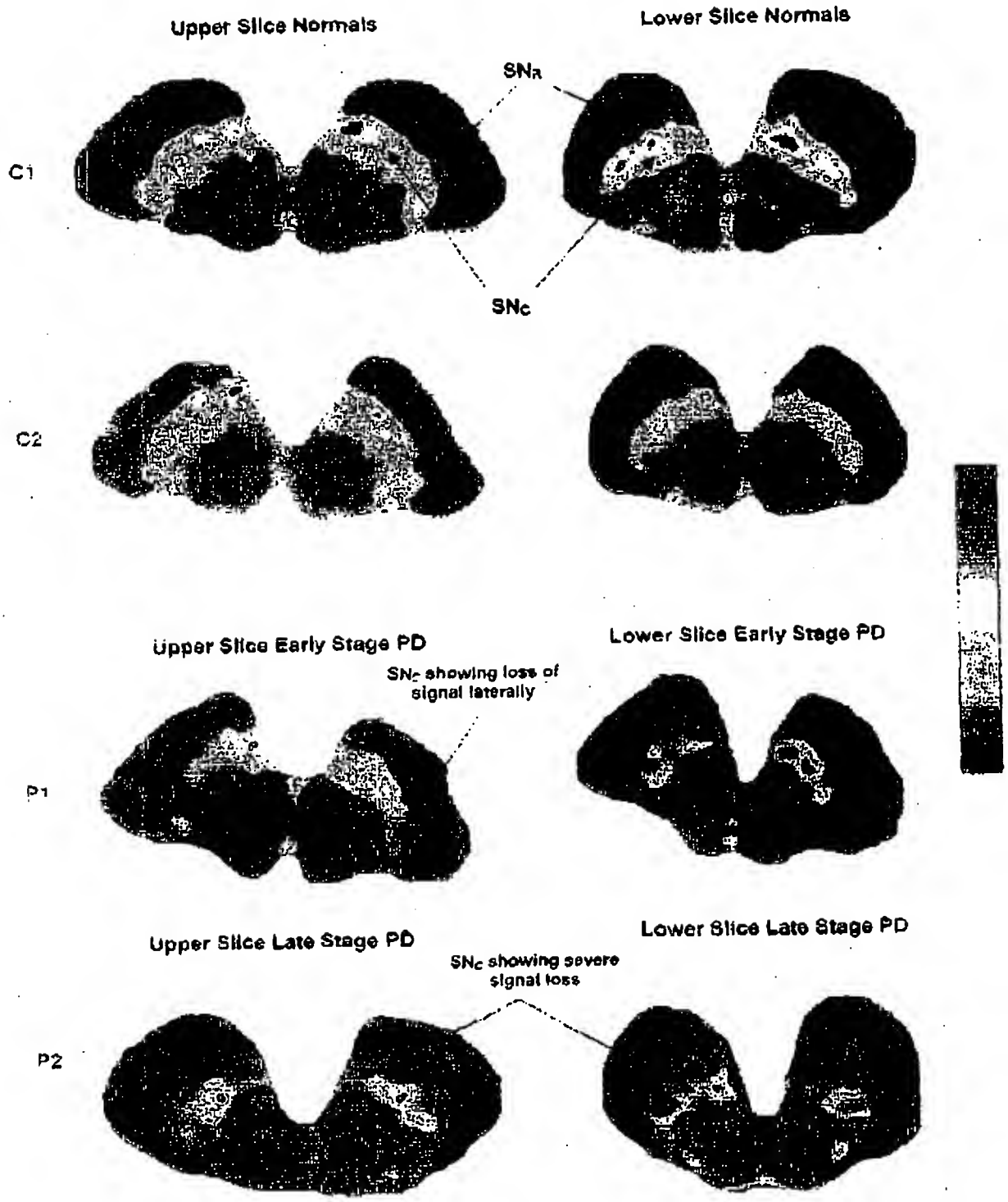
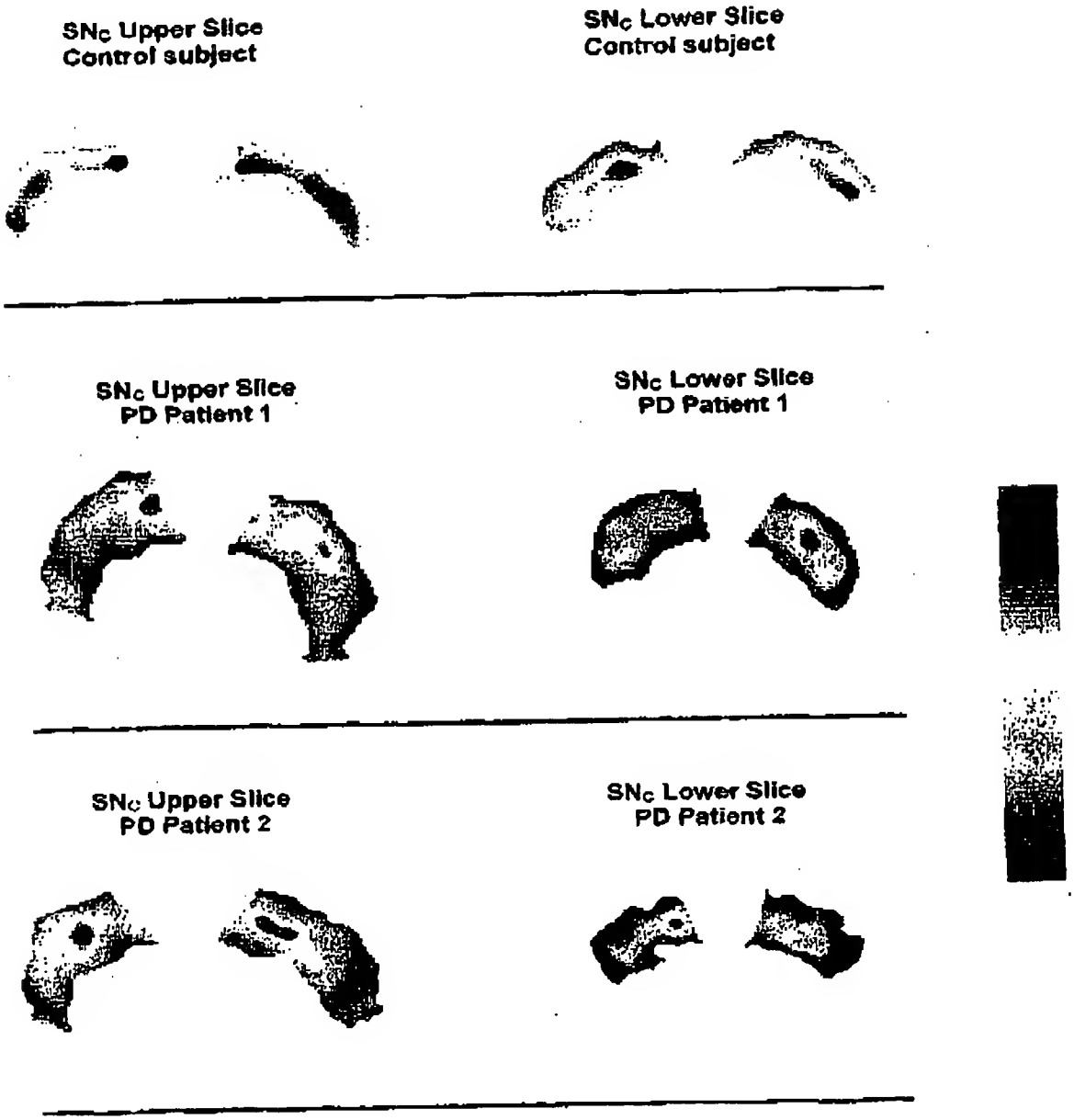


FIG. 1

REPLACEMENT SHEET

Serial No. 09/997,894
Filed: November 30, 2001
Atty. Docket 922/63690



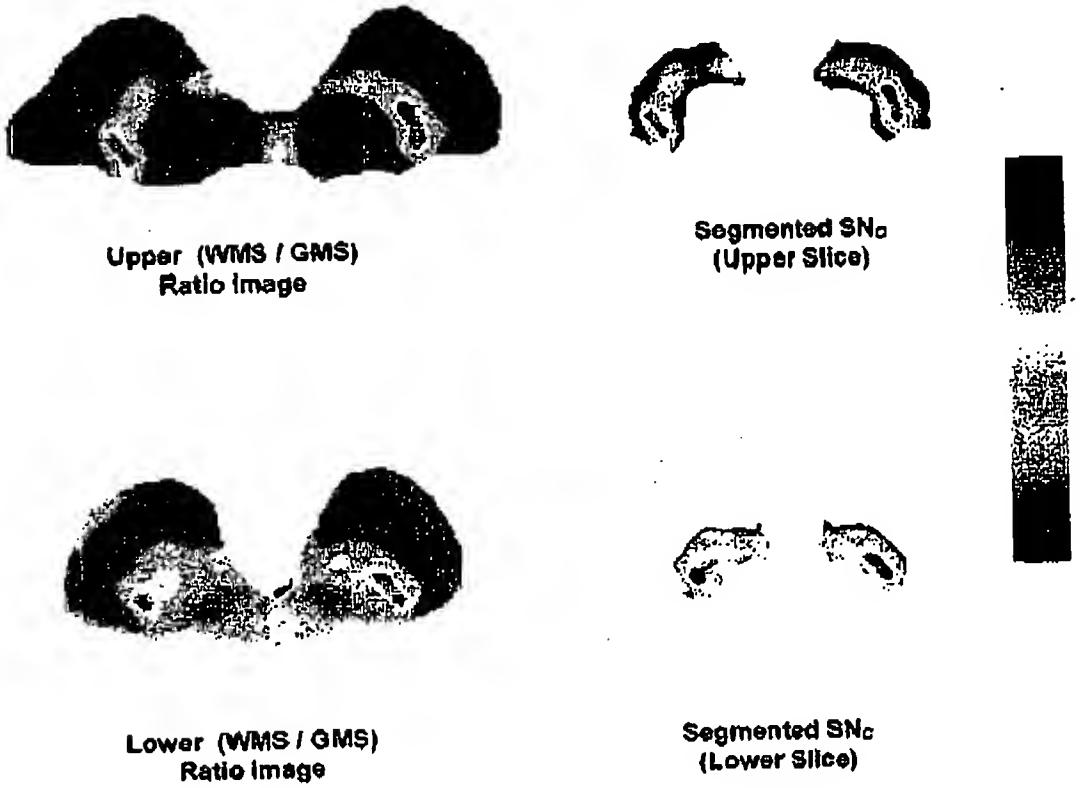
Ratio images of the substantia nigra pars compacta (SN_C) after automated segmentation of the WMS images of the cerebral peduncle.

FIG. 2

REPLACEMENT SHEET

Serial No. 09/997,894
Filed: November 30, 2001
Atty. Docket 922/63690

Progressive Supranuclear Palsy (PSP)



Imaging of the substantia nigra pars compacta (SN_c) in Progressive Supranuclear Palsy (PSP). The left column shows the (WMS / GMS) ratio images of upper and lower slices and the right hand side displays the SN_c segmented from the WMS images of the cerebral peduncle. Images are displayed using the pseudo color lookup table on the right. Note that the gradient of signal is in the opposite direction to that seen in Parkinson's disease (i.e. there is relative loss of signal medially). This suggests the possibility of distinguishing the two forms of parkinsonism radiographically.

FIG. 3

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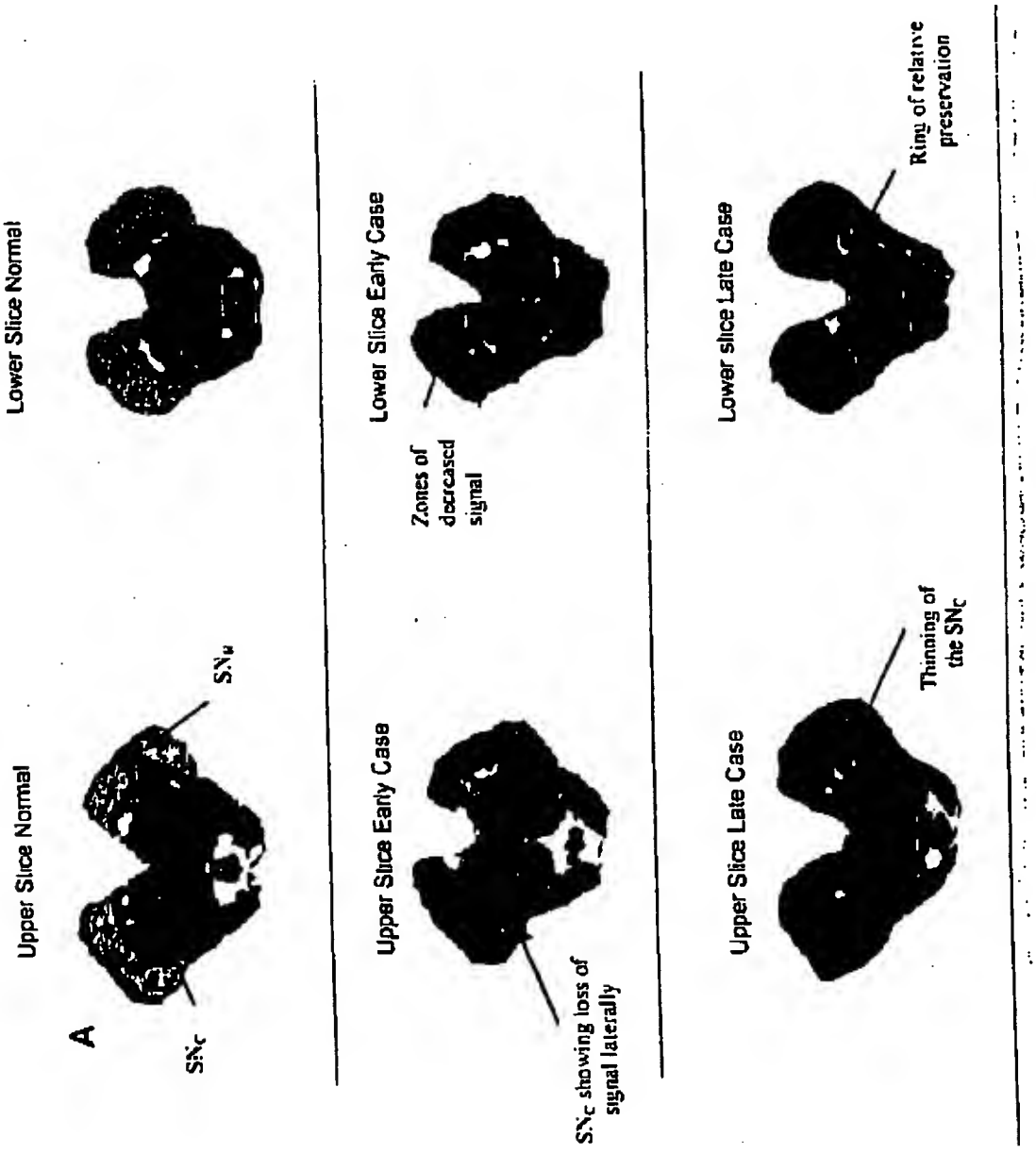

Fig. 4

REPLACEMENT SHEET

Serial No. 09/997,894
Filed: November 30, 2001
Atty. Docket 922/63690

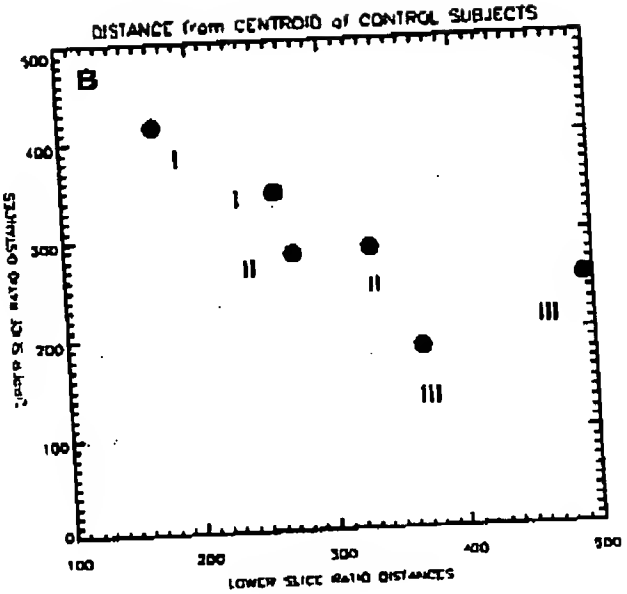

Fig. 5

REPLACEMENT SHEET

Serial No. 09/997,894
Filed: November 30, 2001
Attv. Docket 922/63690

AJNR: 21, April 2000

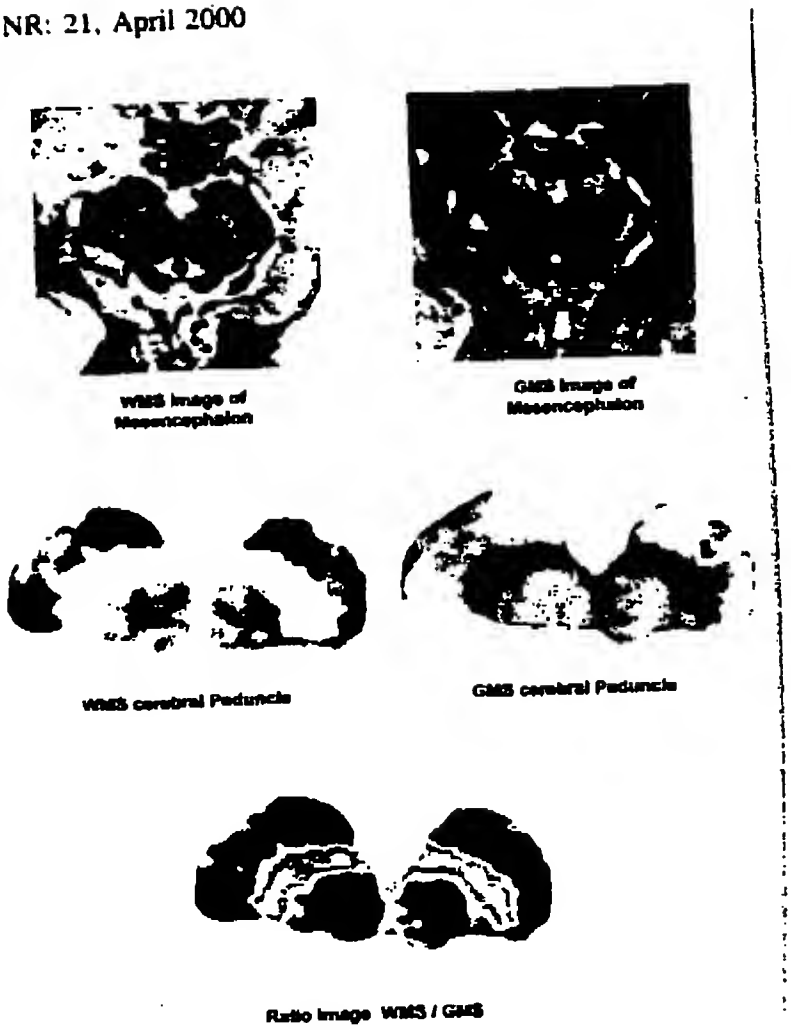

Fig. 6

REPLACEMENT SHEET

Serial No. 09/997,894
Filed: November 30, 2001
Attv. Docket 922/63690

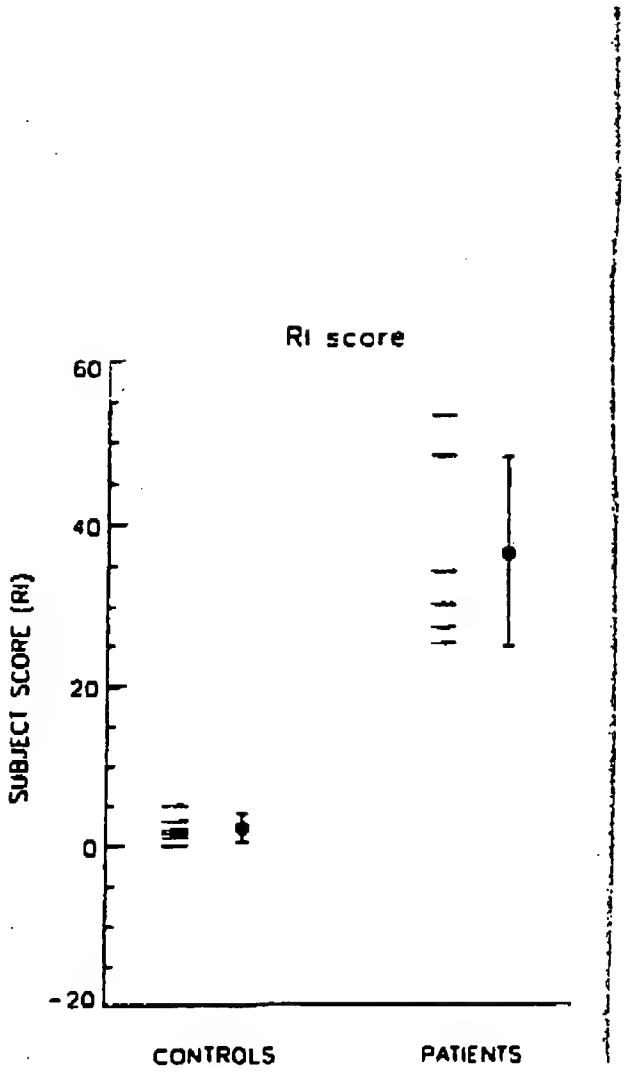

Fig. 7

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Serial No. 09/997,894
Filed: November 30, 2001
Atty. Docket 922/63690

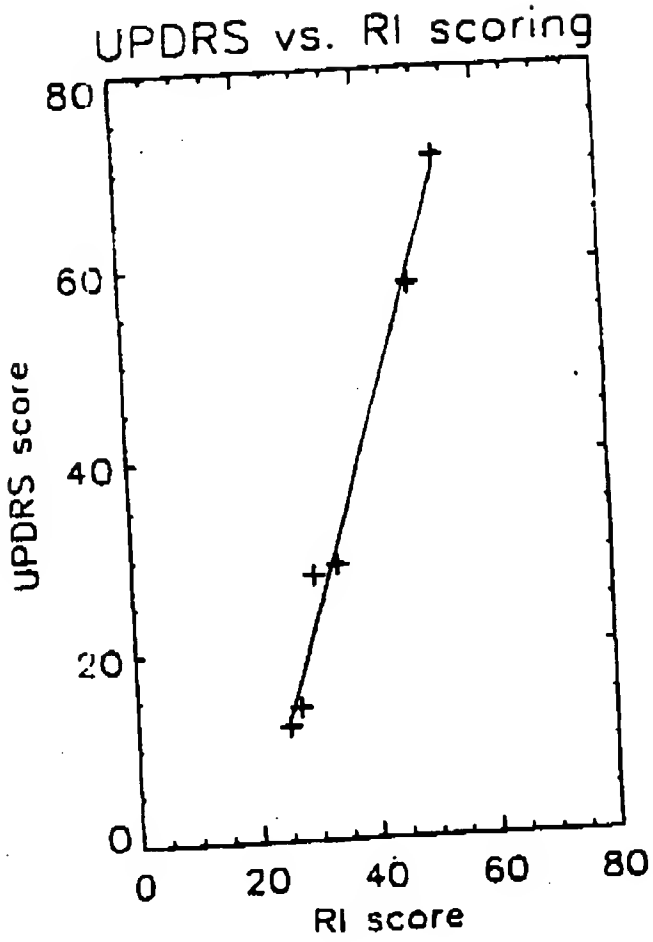

Fig. 8